

To: EOC Public Information[EOC_Public_Information@epa.gov]
Cc: Guria, Peter[Guria.Peter@epa.gov]; Delgado, Eric[Delgado.Eric@epa.gov]; Kappelman, David[Kappelman.David@epa.gov]; Beach, John[Beach.John@epa.gov]; Stralka, Daniel[Stralka.Daniel@epa.gov]; Grantham, Nancy[Grantham.Nancy@epa.gov]
From: Smith, Terry
Sent: Fri 9/4/2015 5:04:02 PM
Subject: Fw: R9 8/25 Surface Water Data and 8/26 & 8/27 Sediment Data To Load
[R09 Sediment Summary Table 08312015.xlsx](#)
[R09 Sediment Summary Table 09012015.xlsx](#)
[R09 SurfaceWater Summary Table 09012015.xlsx](#)

This data set has been reviewed by HQ EU and is ready to be posted.

The PIO will be drafting messaging consistent with previously posted sediment and surface water data:

PIO: The R09 Sediment_Summary for 8/31 was sampled on August 26

The R09 Sediment_Summary for 9/1 was sampled on August 27

The R09 SurfaceWater_Summary for 9/1 was sampled on August 25

From: Smith, Terry on behalf of EOC Environmental Unit
Sent: Friday, September 4, 2015 12:56 PM
To: EOC Environmental Unit
Subject: Fw: R9 8/25 Surface Water Data and 8/26 & 8/27 Sediment Data To Load

From: Guria, Peter
Sent: Thursday, September 3, 2015 7:09 PM
To: EOC Environmental Unit; Tulis, Dana; EOC_Manager,; Delgado, Eric; GKM_datateam@westonsolutions.com; EOC Public Information; Schaefer, Joe
Cc: Kappelman, David; Beach, John; Stralka, Daniel; Grantham, Nancy
Subject: R9 8/25 Surface Water Data and 8/26 & 8/27 Sediment Data To Load

Attached please find validated data on metals concentrations in San Juan River surface water samples collected on 8/25/15 & validated data on metals concentrations in the San Juan River for sediment samples dated 8/26 and 8/27. The data has been evaluated and is ready for posting.

Human Health Screening:

The reported concentrations on metals in San Juan River sediment from the 26 and 27 Aug 2015 were compared to the health-based screening levels for a 64-day recreational exposure developed by R8 for this incident. **All metals in San Juan River sediment concentrations were below the recreational sediment screening levels.**

The reported dissolved and total concentrations on metals in surface water from 25 Aug 2015 were compared to the health-based screening levels for a 64-day recreational exposure developed by R8 for this incident; the dissolved metals concentrations were also compared to federal MCLs. **All metals concentrations in San Juan River surface water were below the recreational surface water screening levels for dissolved metals concentrations met (were below) federal MCLs.**

Navajo Nation Agricultural & Livestock Screening Levels:

The reported dissolved and total concentrations on metals in surface water were also compared to current Agricultural and Livestock Watering screening levels developed by the Navajo Nation Water Quality Program. **All metals concentrations in San Juan River surface water on 25 Aug 15 were below applicable Navajo Nation Agricultural and Livestock water screening levels.**

Review of the validated data on metals concentrations in San Juan River sediment data from 8/26/15 revealed that **all metals in San Juan River sediment concentrations did not exceed the available benchmarks (NRWQC) for ecological receptors.**

Peter Guria, Deputy Incident Commander

Gold King Mine Response

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